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FIG.1(a)

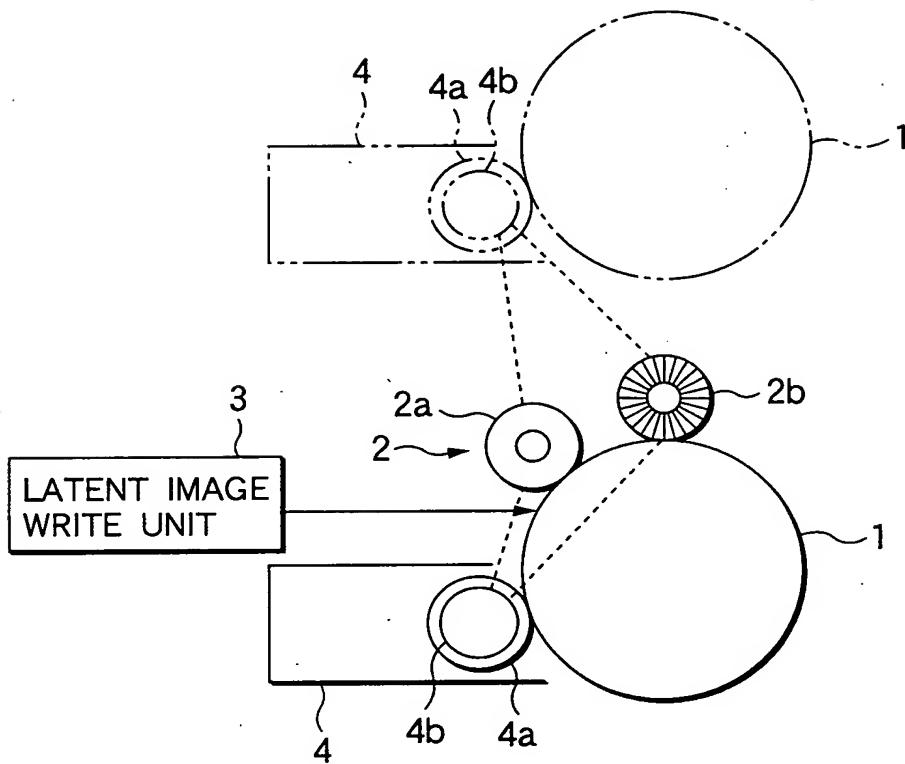
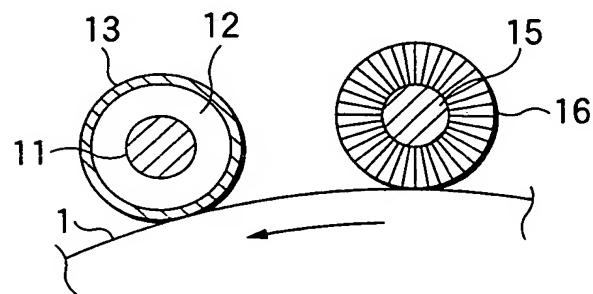
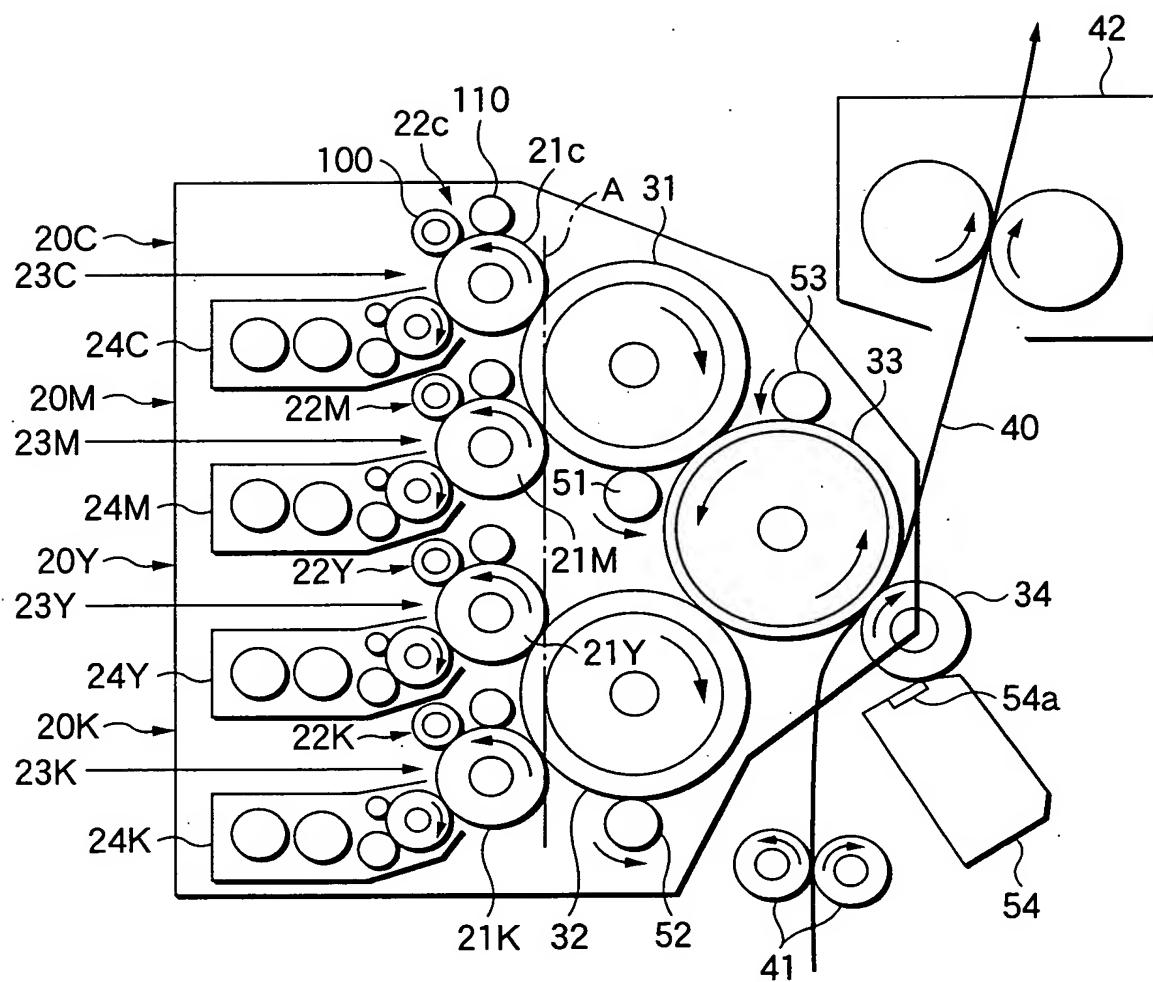


FIG.1(b)



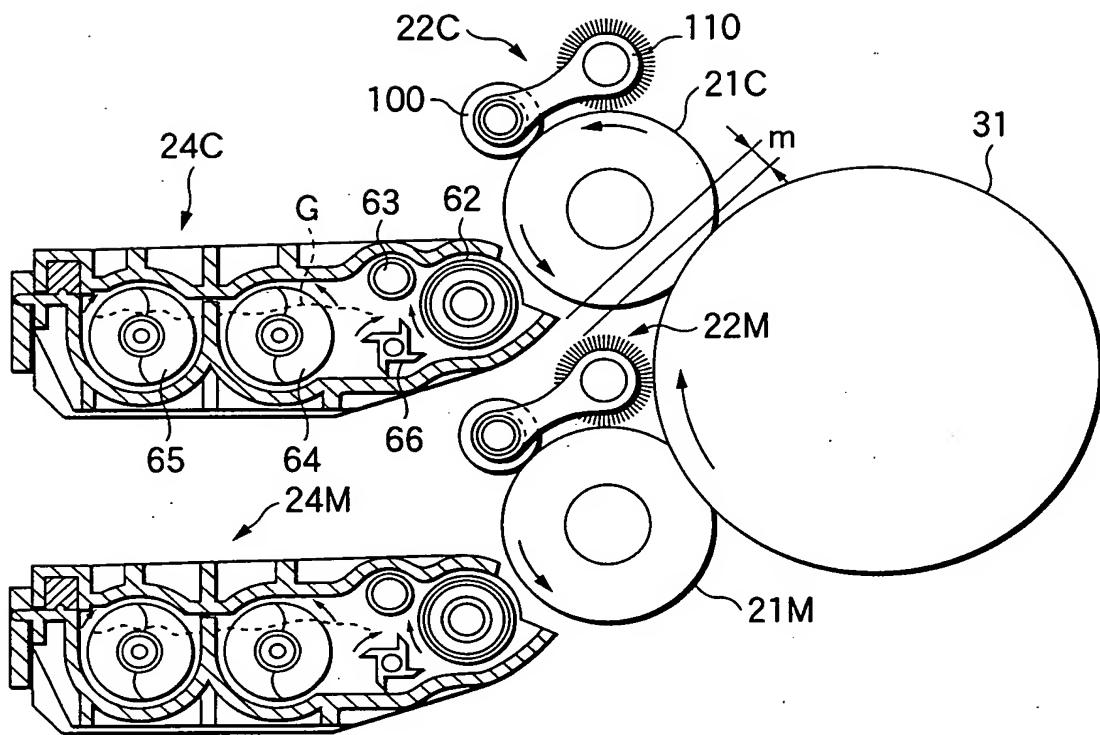
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FIG.2



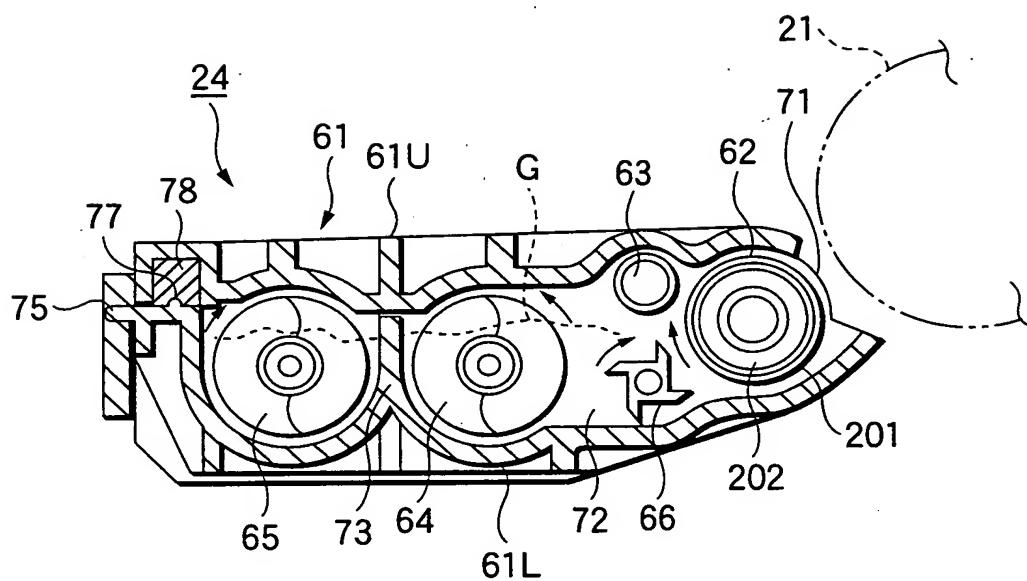
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FIG.3



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FIG.4



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FIG.5

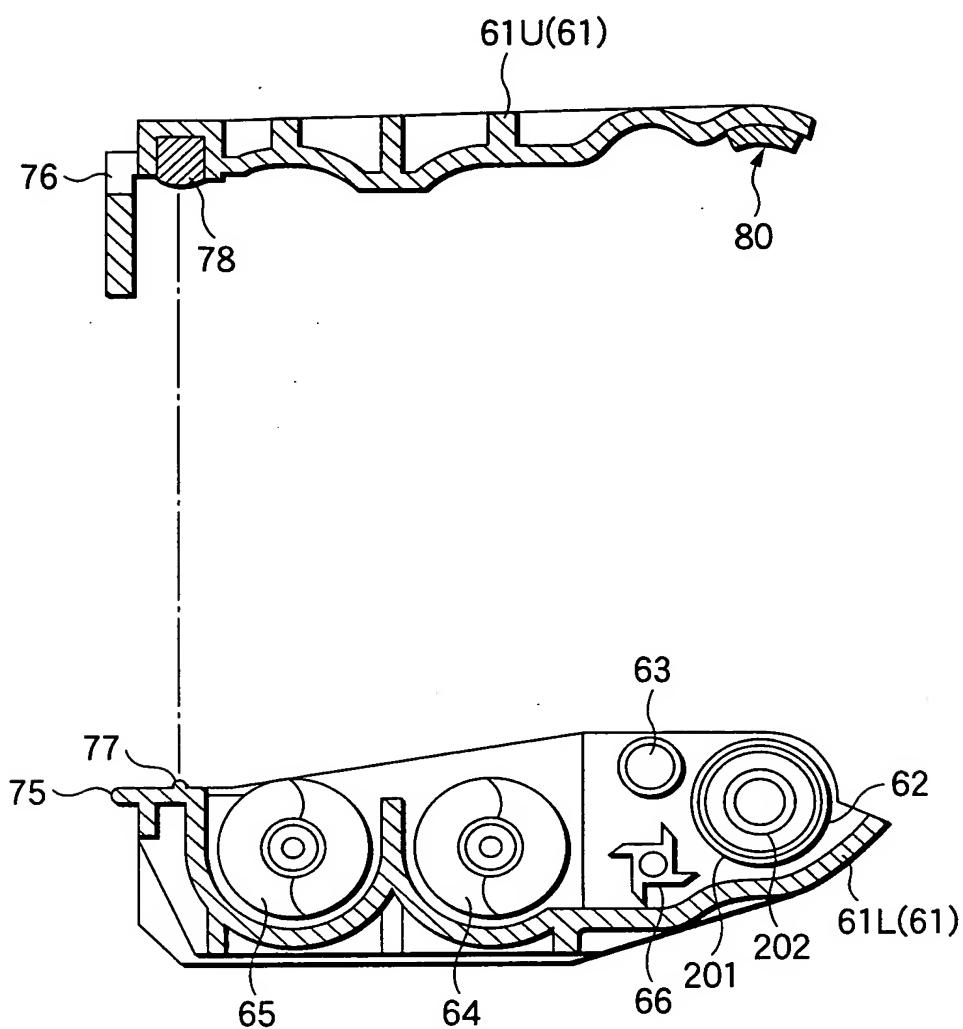
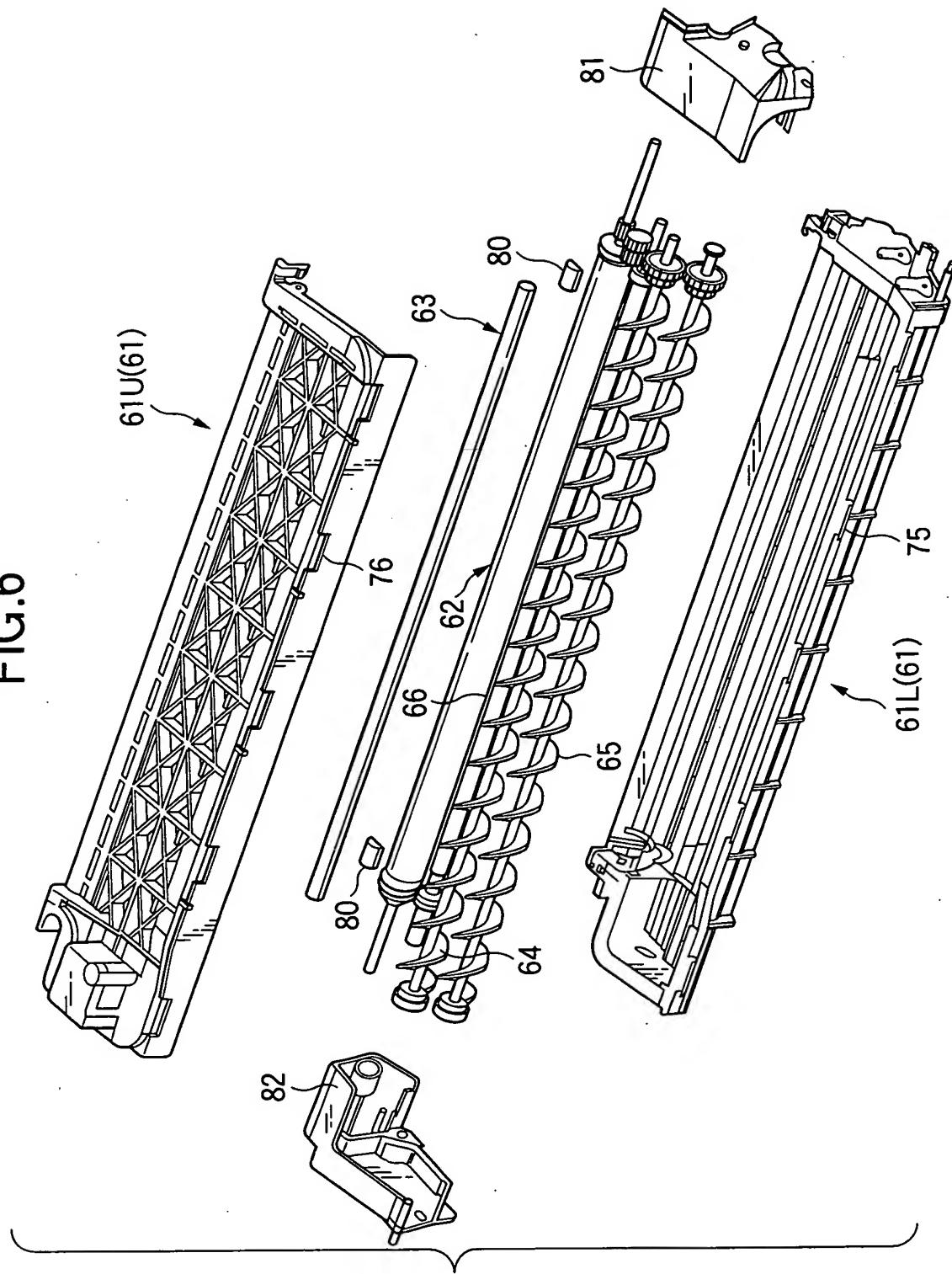
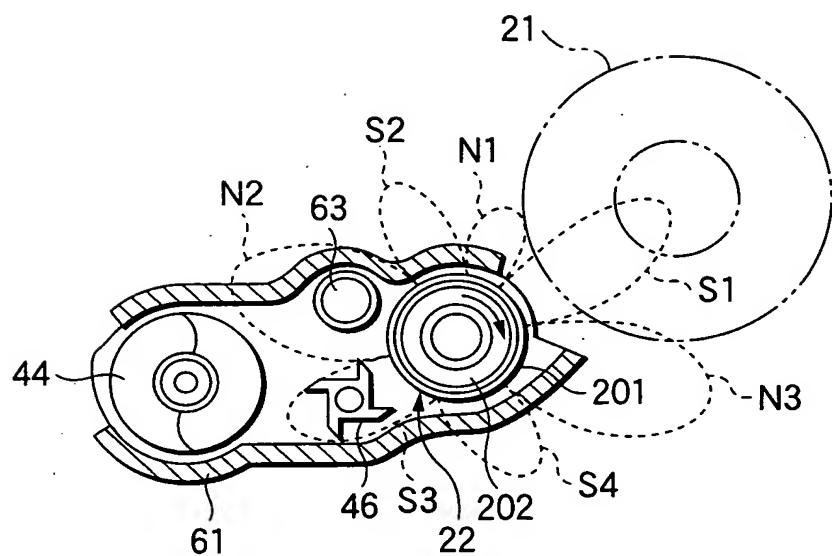


FIG. 6



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FIG.7



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FIG.8(a)

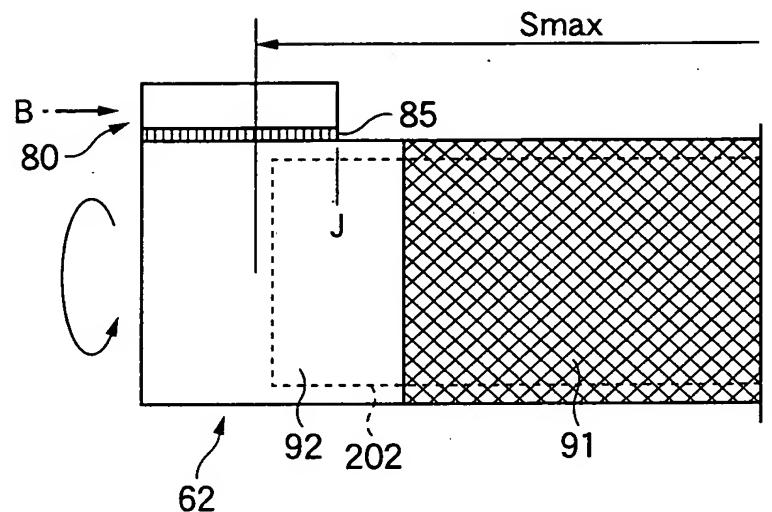


FIG.8(b)



FIG.9(a)

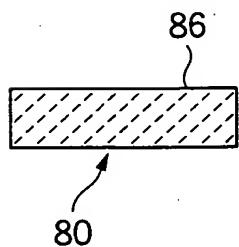


FIG.9(b)

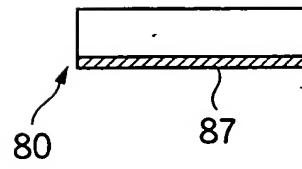
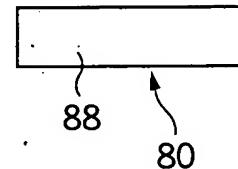


FIG.9(c)



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FIG.10(a)

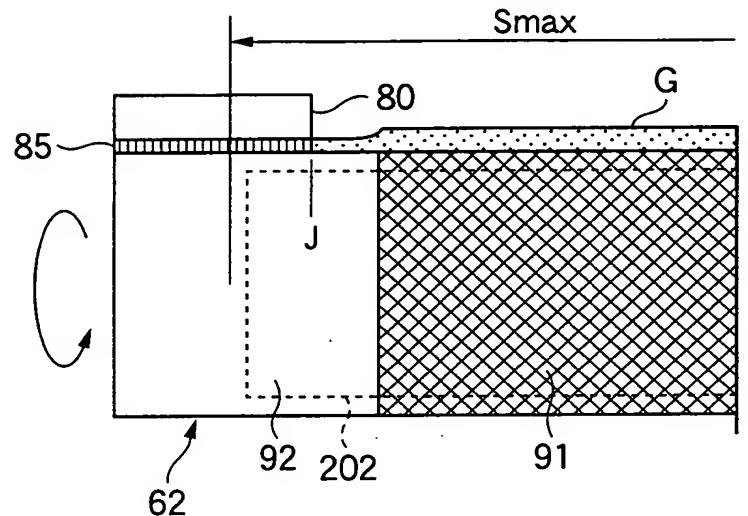
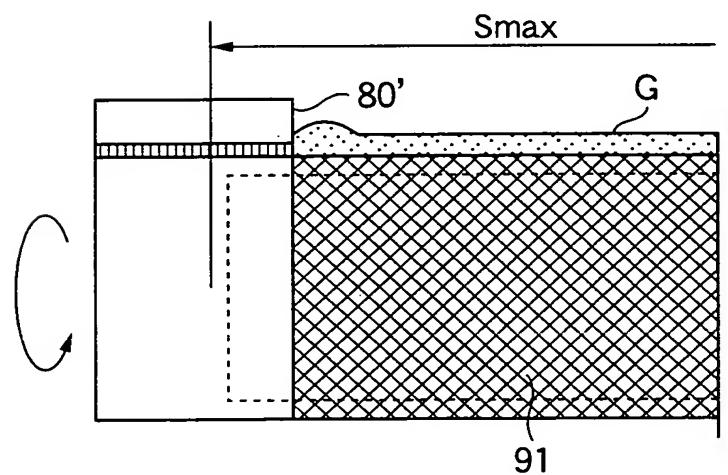
MODEL ACCORDING TO
FIRST EMBODIMENT

FIG.10(b)

COMPARATIVE MODEL



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FIG.11(a)

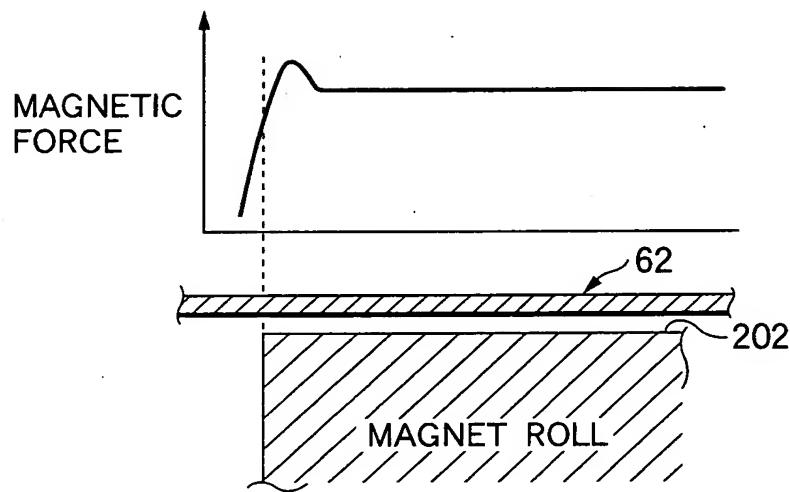
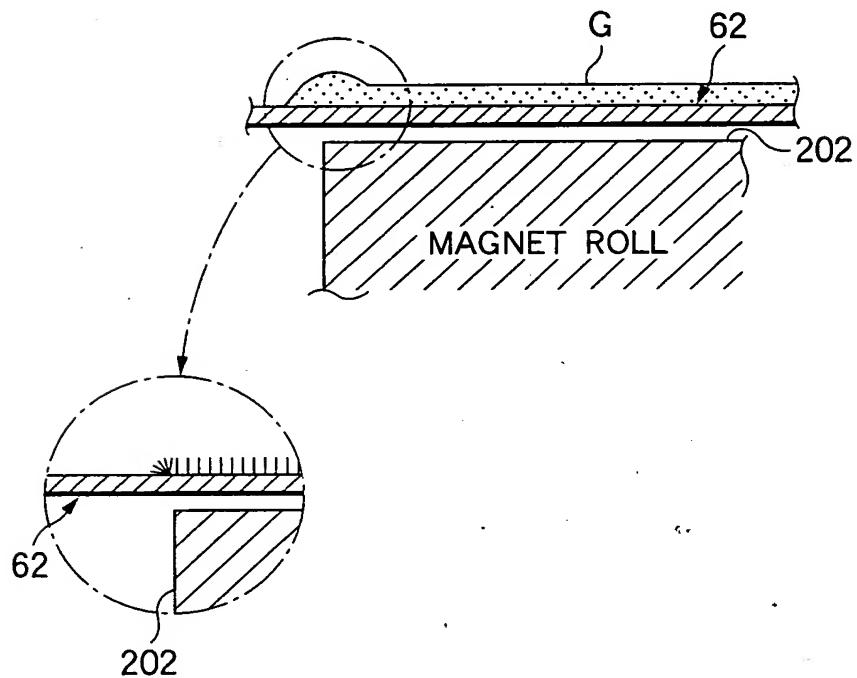


FIG.11(b)



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FIG.12(a)

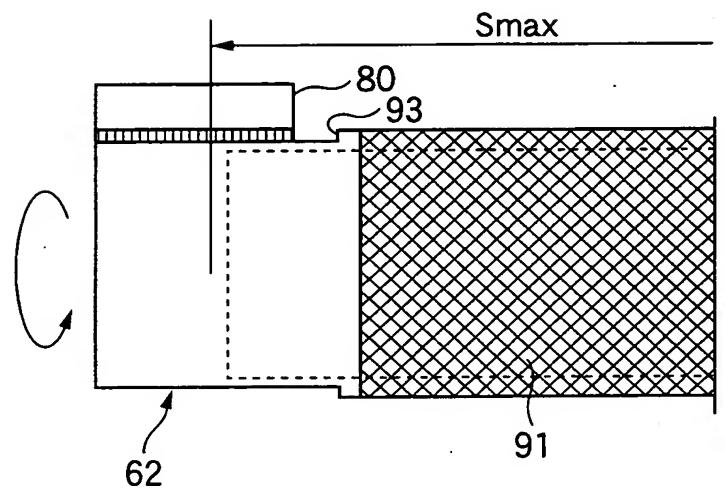
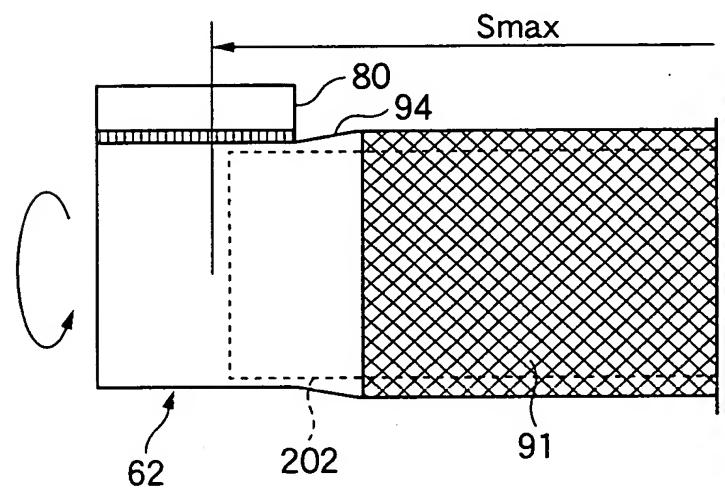
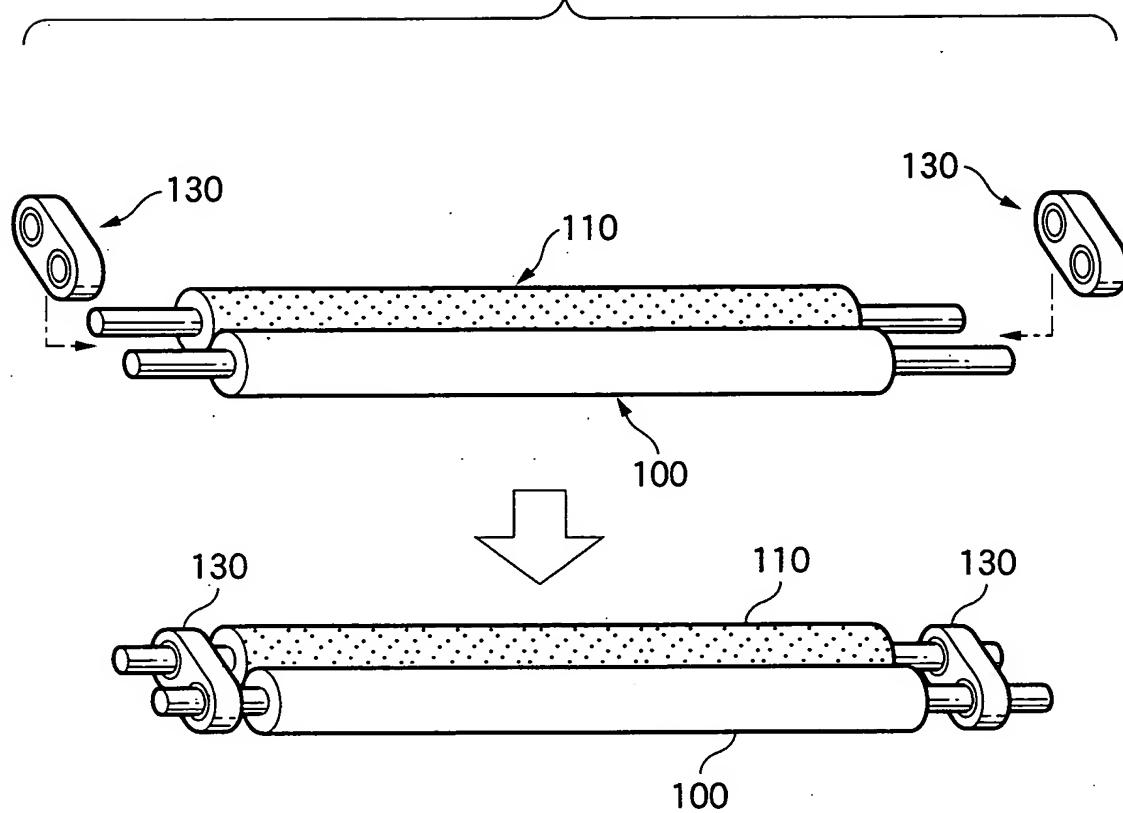


FIG.12(b)



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FIG.13



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FIG.14(a)

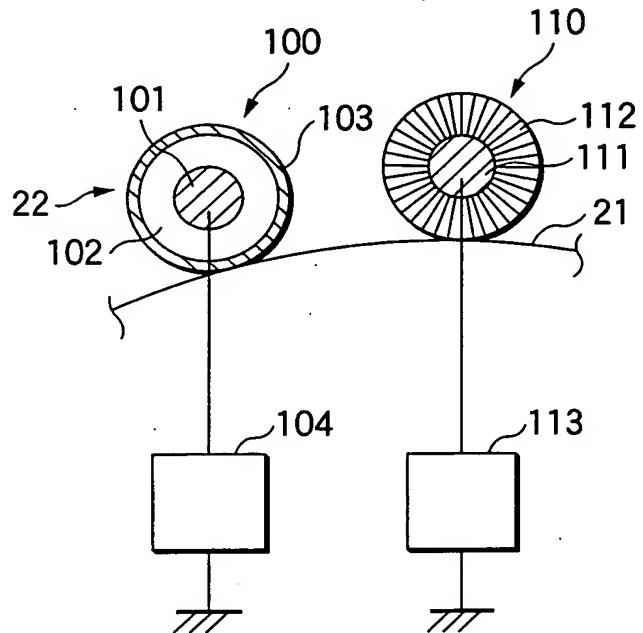


FIG.14(b)

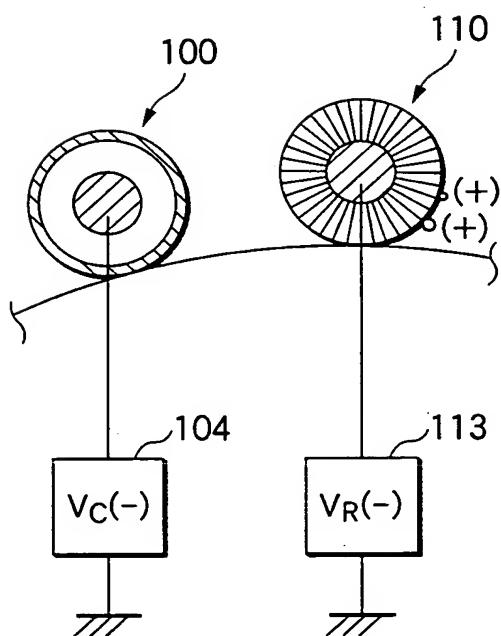


FIG.14(c)

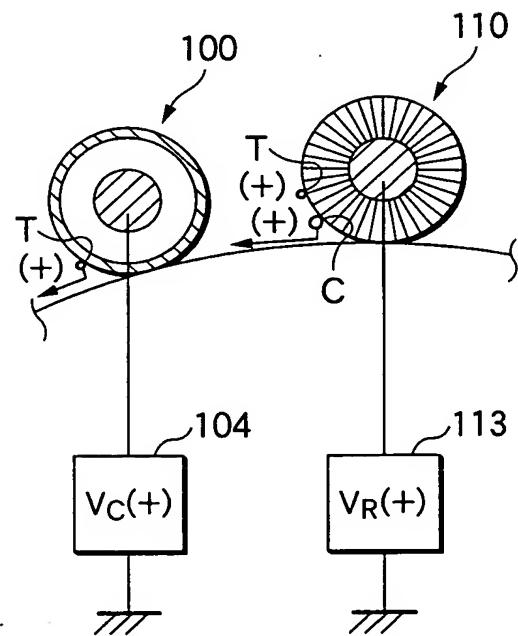


FIG.15(a)

- END PART SPOT CAUSED BY BCO/CARRIER SCATTER

		PAPER END PART POSITION			DISTANCE BETWEEN PAPER END PART AND BLAST END PART	
		3mm	4mm	5mm		
DISTANCE BETWEEN THIN LAYER AREA REGULATION POSITION AND BLAST END PART	0mm	X	○	△	△	△
	1mm	—	△	○	○	○
	2mm	—	△	○	○	○

FIG.15(b)

- FOGGING AT UPPER END PART OF PHOTOCONDUCTOR DRUM

		PAPER END PART POSITION			DISTANCE BETWEEN PAPER END PART AND BLAST END PART	
		3mm	4mm	5mm		
DISTANCE BETWEEN THIN LAYER AREA REGULATION POSITION AND BLAST END PART	0mm	X	△	△	△	△
	1mm	—	△	○	○	○
	2mm	—	○	○	○	○

FIG.15(c)

- DIRTY LEVEL OF DRIVER GEAR IN PERIPHERY OF DEVELOPING ROLL END PART

		PAPER END PART POSITION			DISTANCE BETWEEN PAPER END PART AND BLAST END PART	
		3mm	4mm	5mm		
DISTANCE BETWEEN THIN LAYER AREA REGULATION POSITION AND BLAST END PART	0mm	X	△	○	○	○
	1mm	—	○	○	○	○
	2mm	—	○	○	○	○

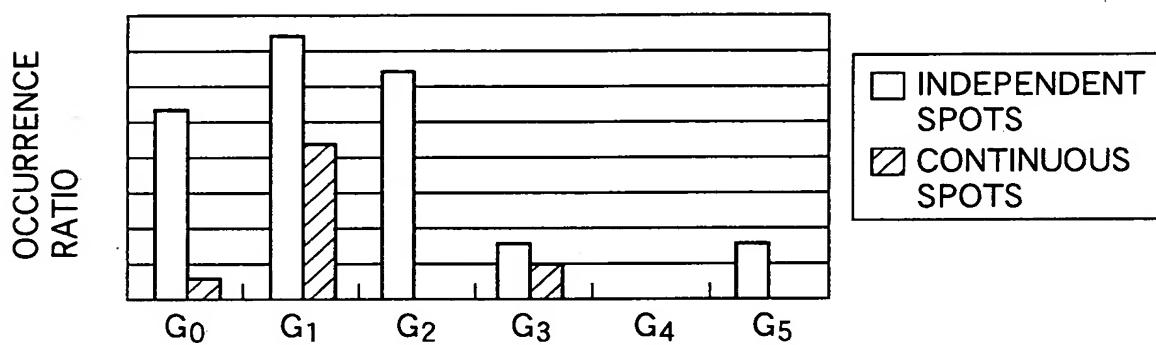
※ SHUT DOWN DURING PRINT, TAPE TRANSFER

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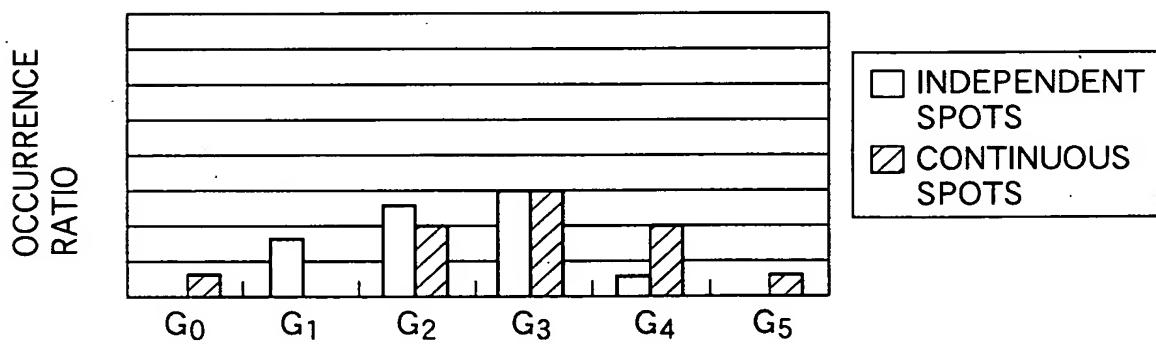
FIG.16

CHARGING SHAFT : SUM
REFRESHER SHAFT : SUM

BKG SPOT



IMG SPOT

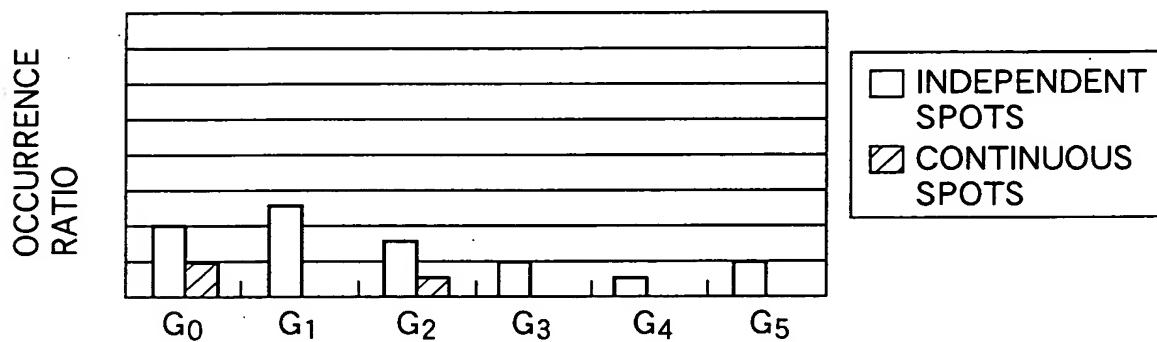


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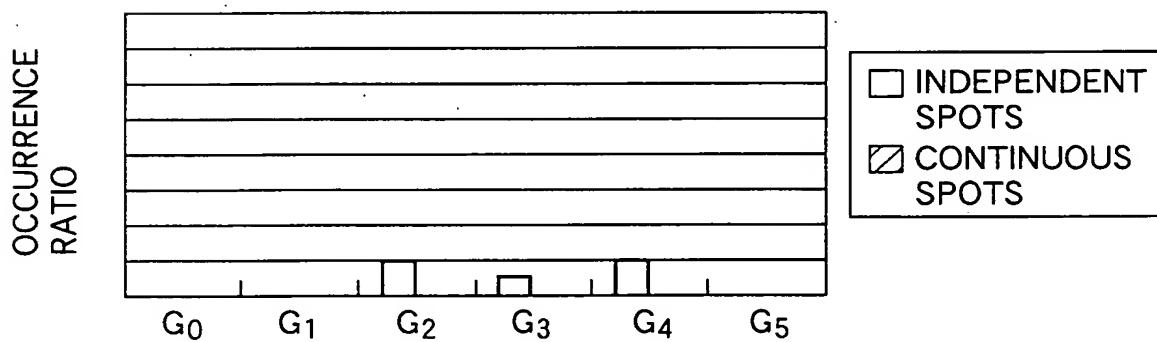
FIG.17

CHARGING SHAFT : SUS303Cu
REFRESHER SHAFT : SUM

BKG SPOT



IMG SPOT

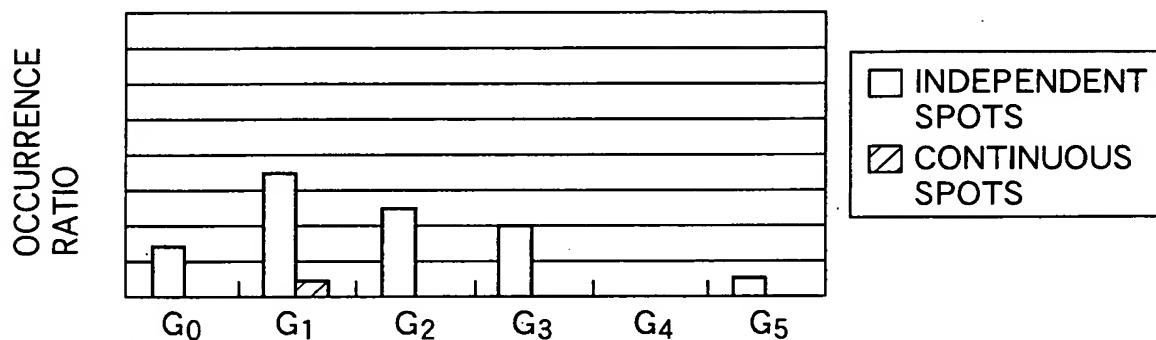


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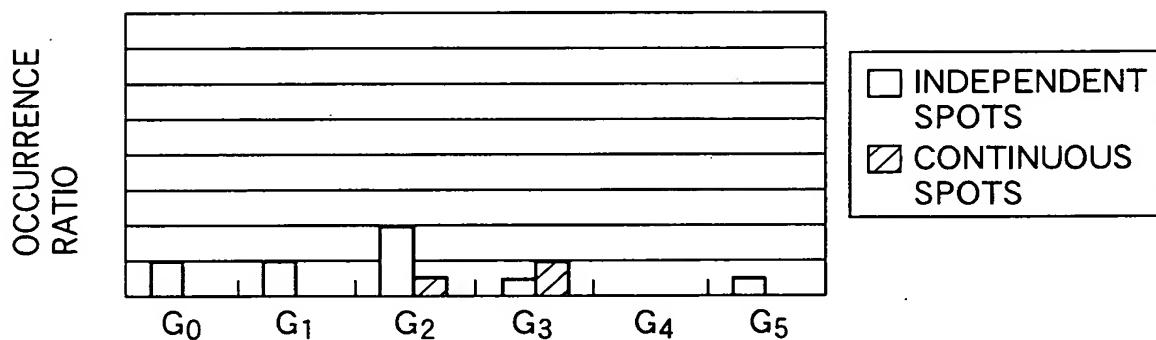
FIG.18

CHARGING SHAFT : SUS303Cu
REFRESHER SHAFT : SUS303Cu

BKG SPOT

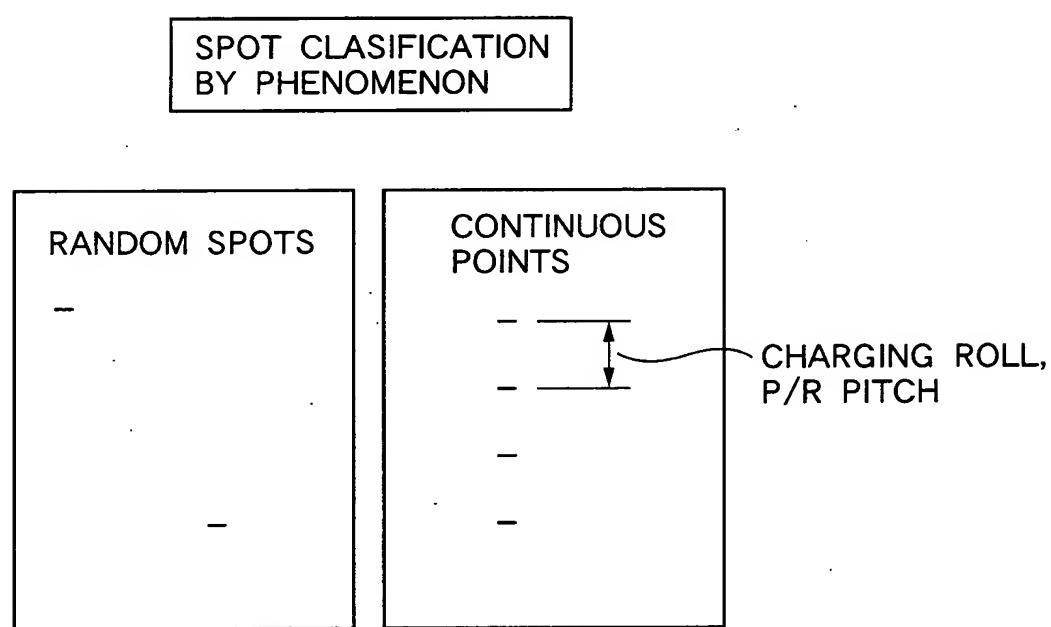


IMG SPOT



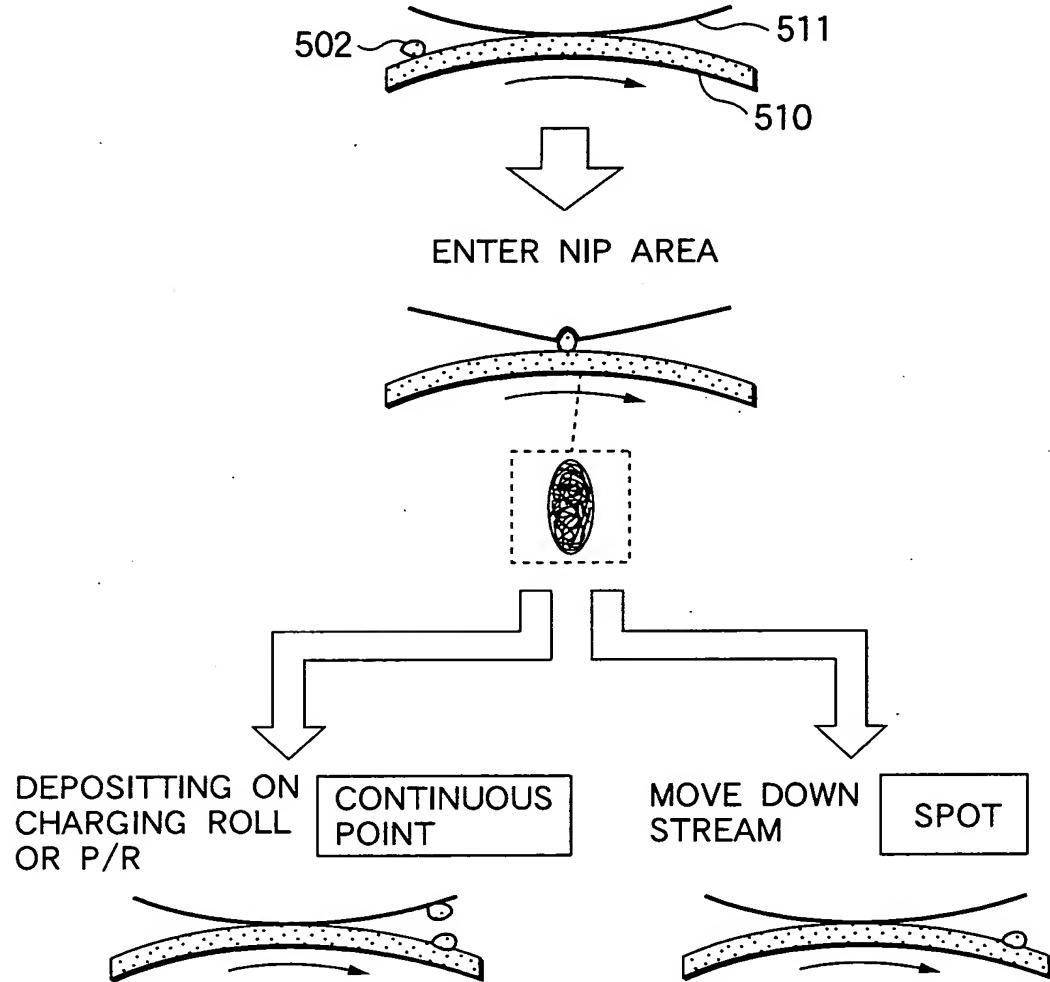
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FIG.19



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FIG.20



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FIG.21(a)

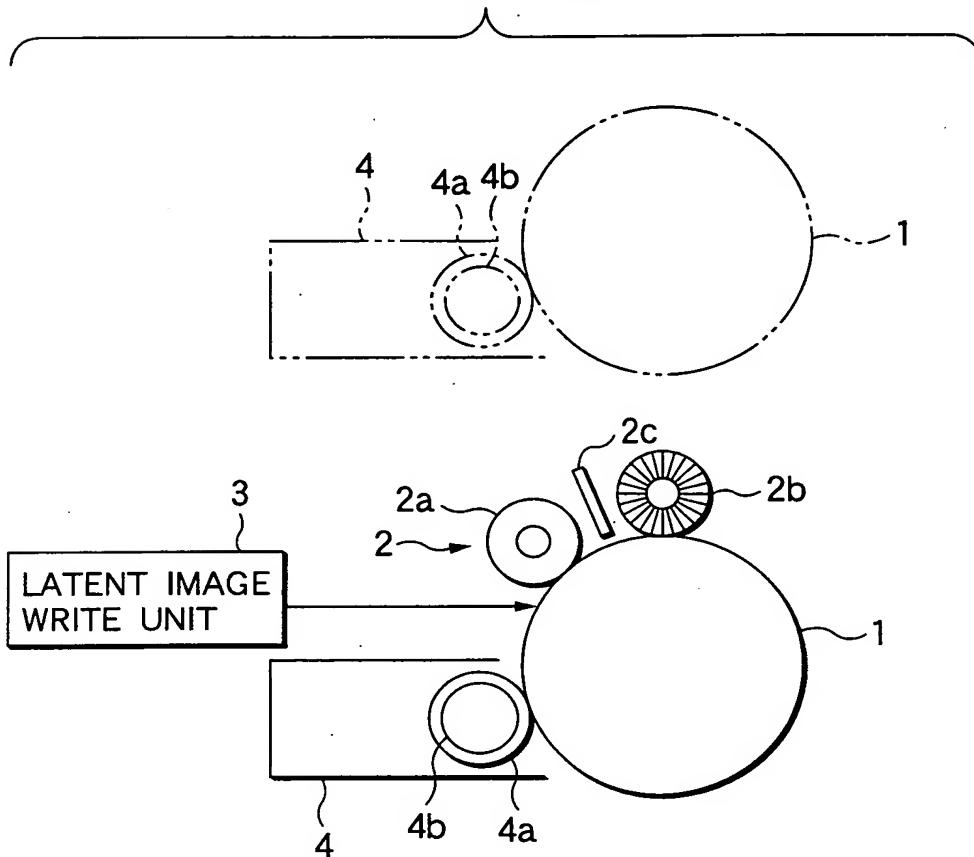
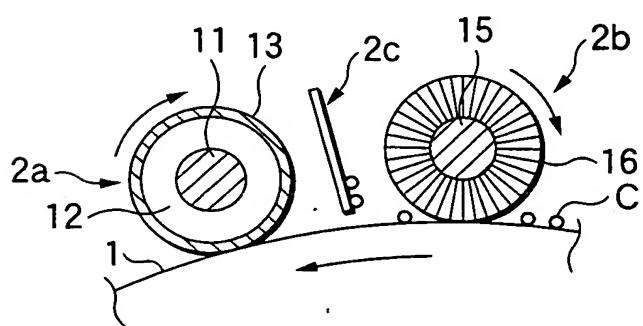


FIG.21(b)



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FIG.22(a)

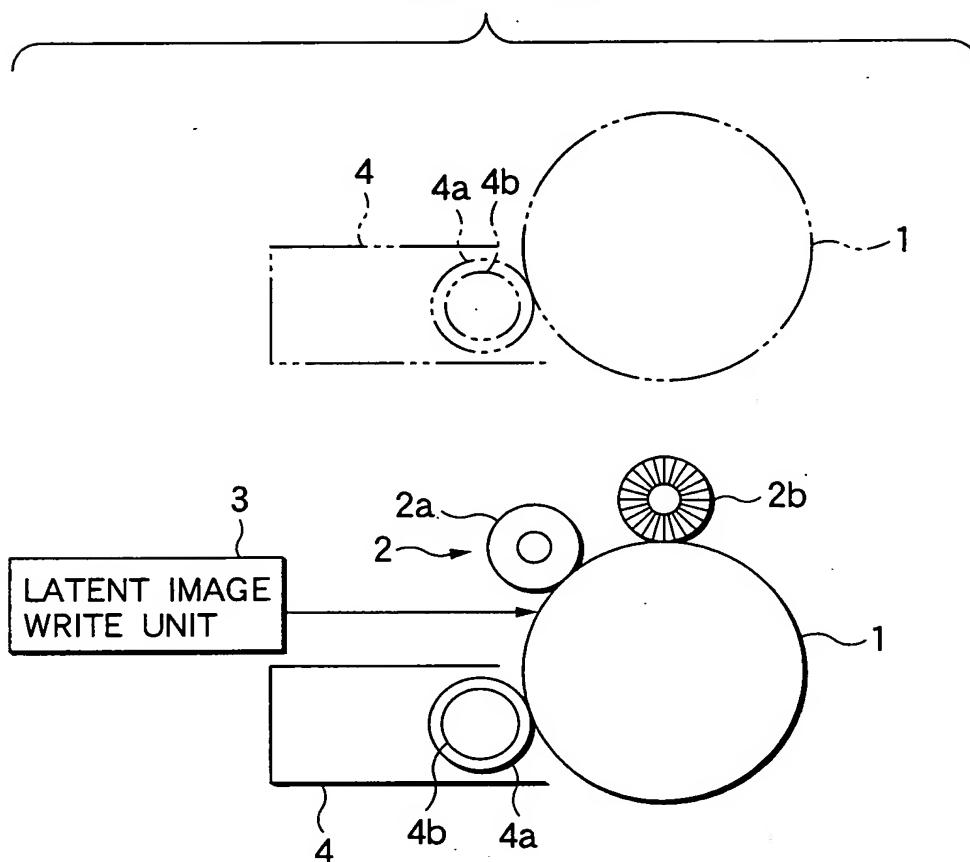
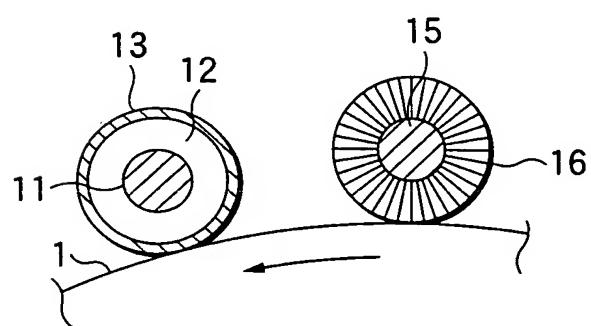
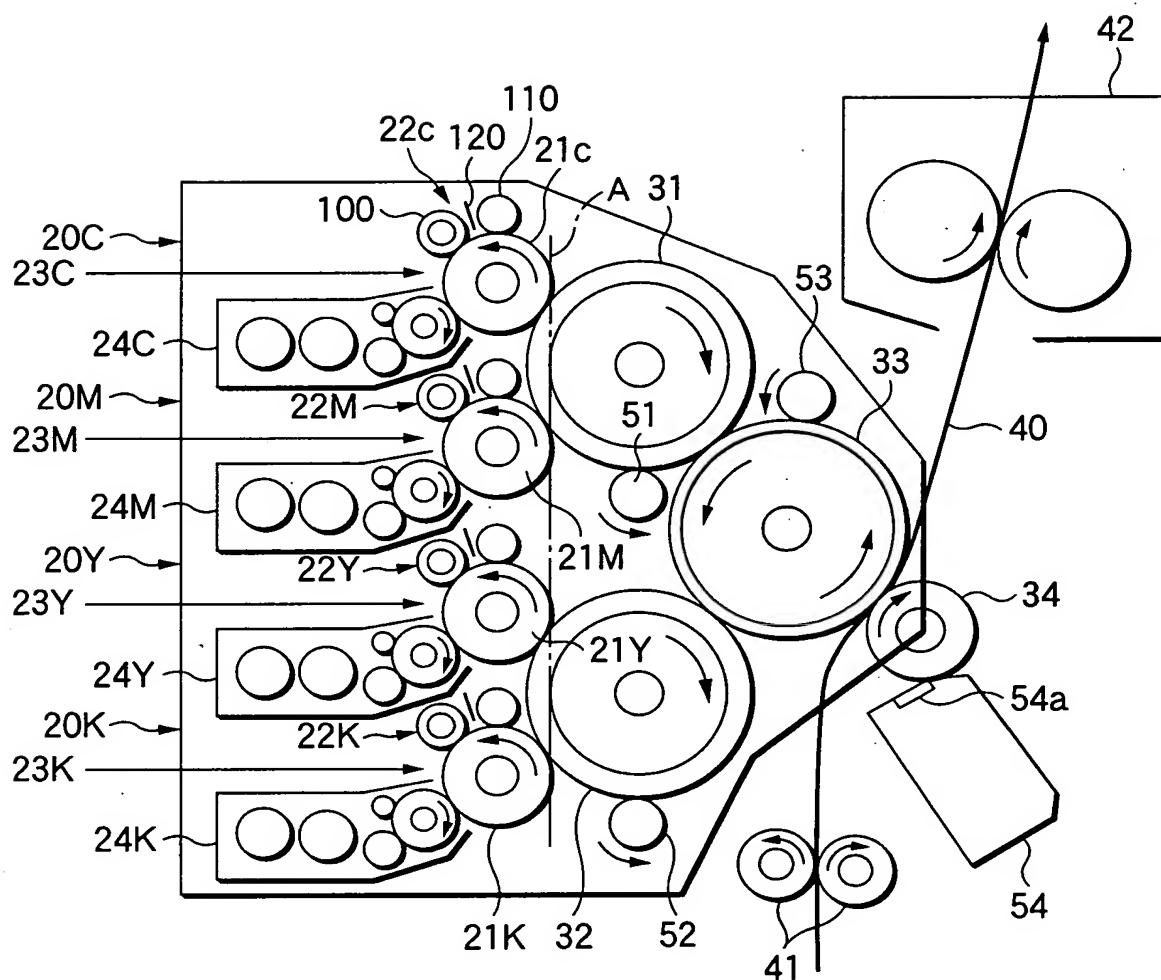


FIG.22(b)



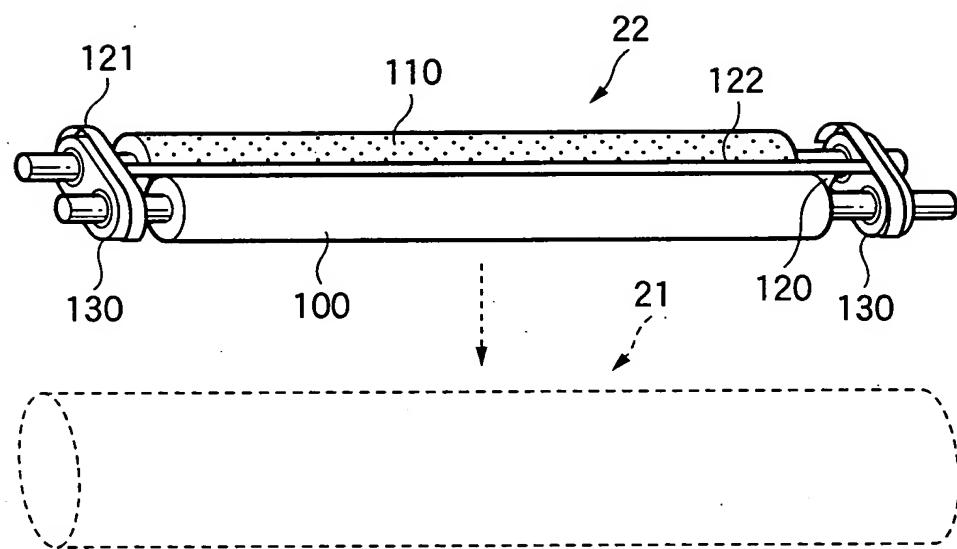
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FIG.23



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FIG.24



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FIG.25(a)

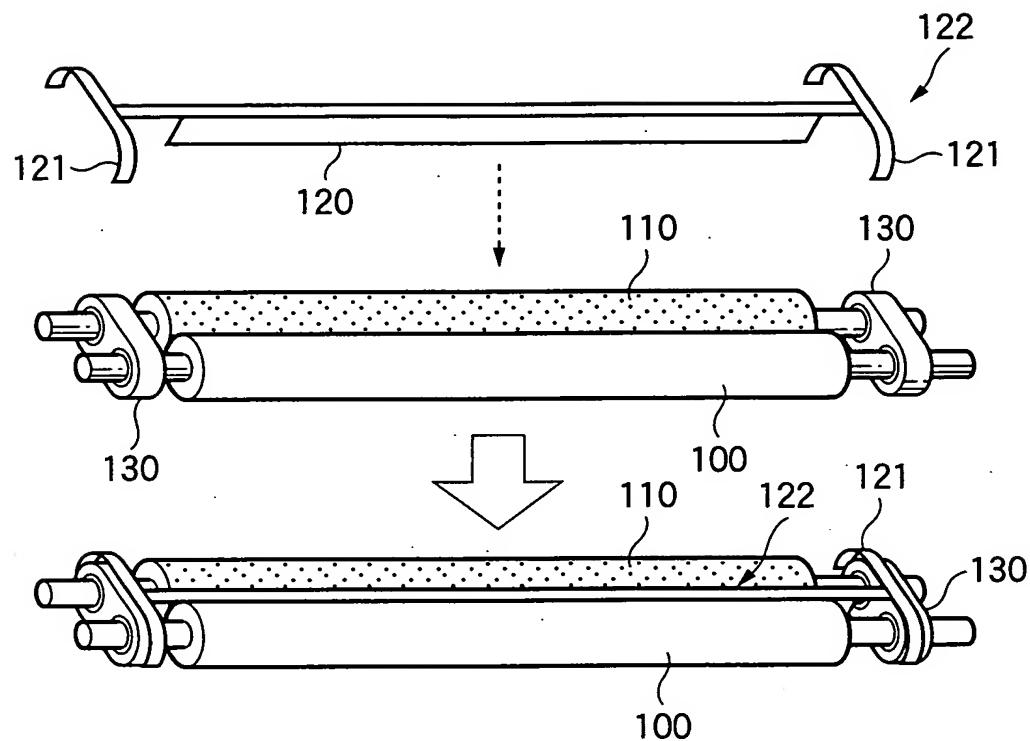
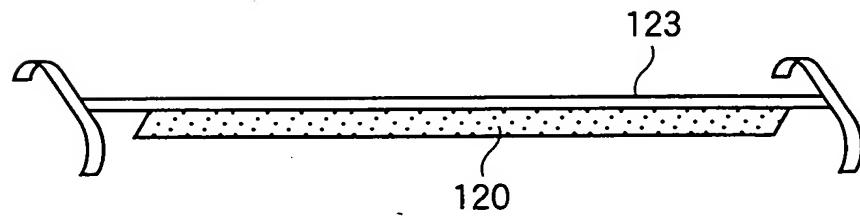


FIG.25(b)



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FIG.26(a)

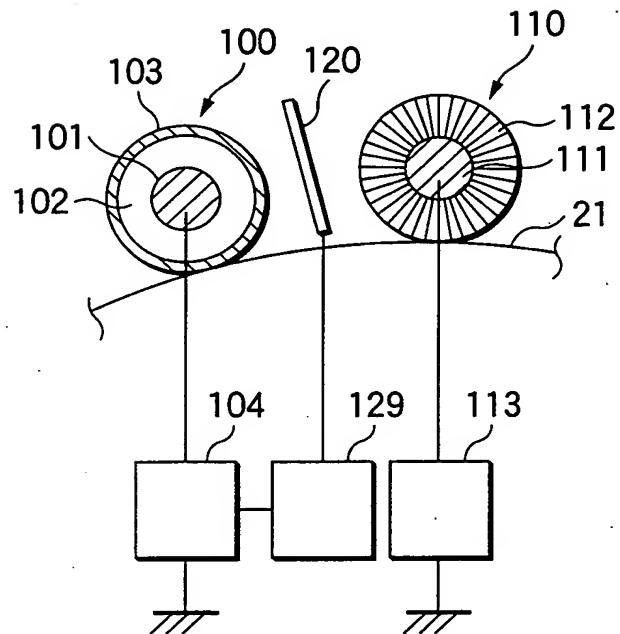


FIG.26(b)

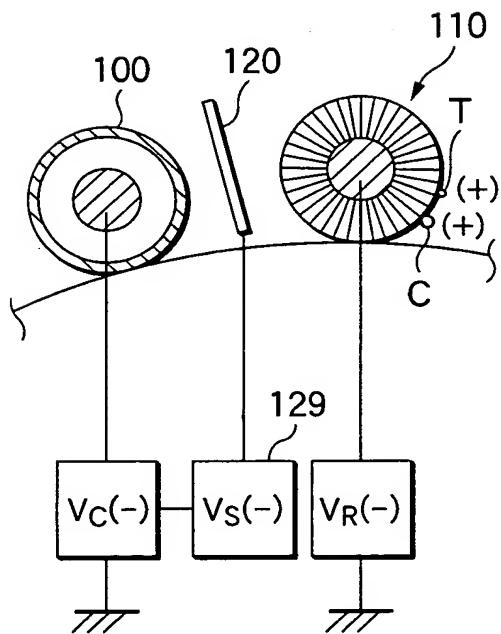
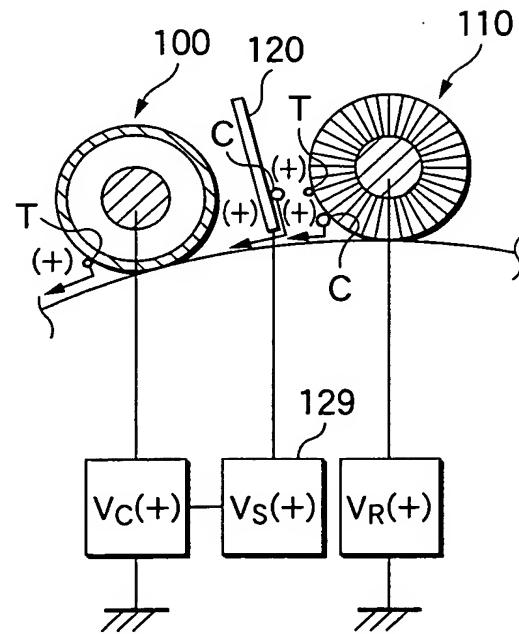


FIG.26(c)



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FIG.27(a)

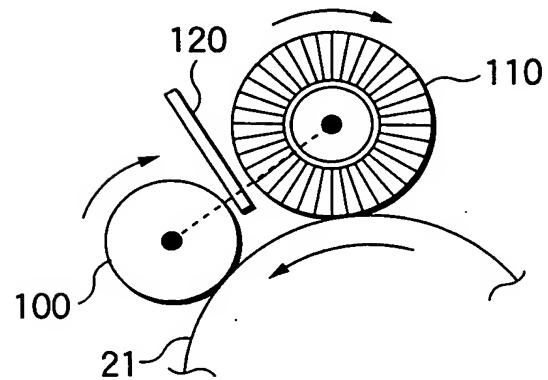


FIG.27(b)

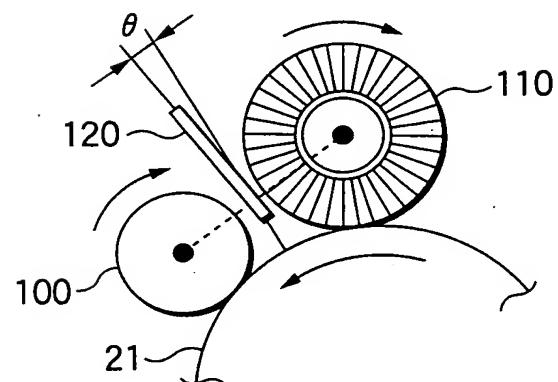
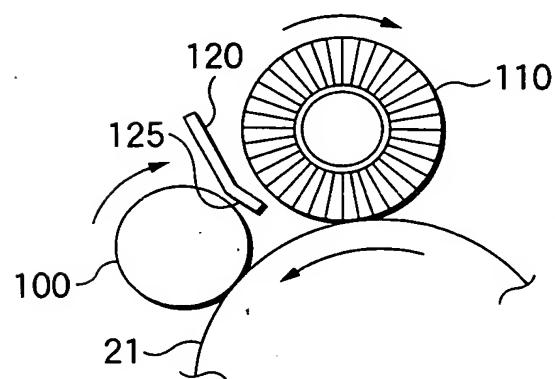


FIG.27(c)



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FIG.28(a)

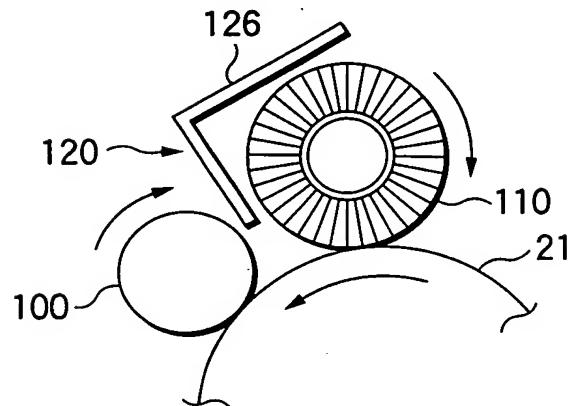


FIG.28(b)

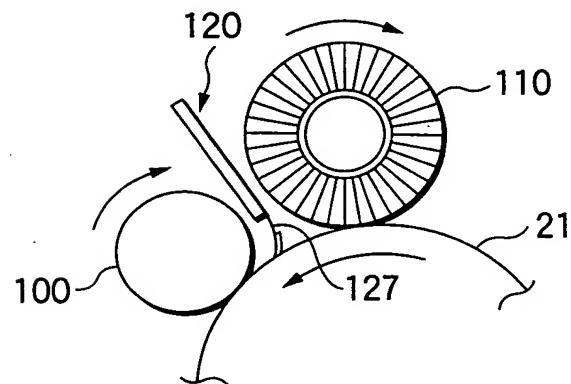
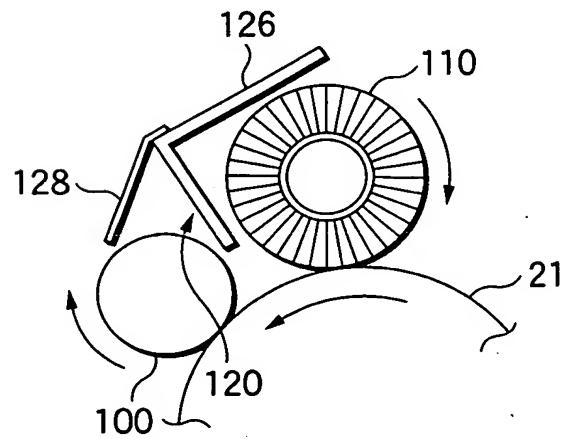


FIG.28(c)



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FIG.29(a)

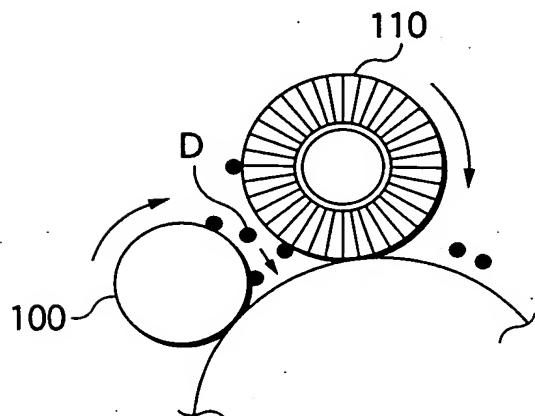


FIG.29(b)

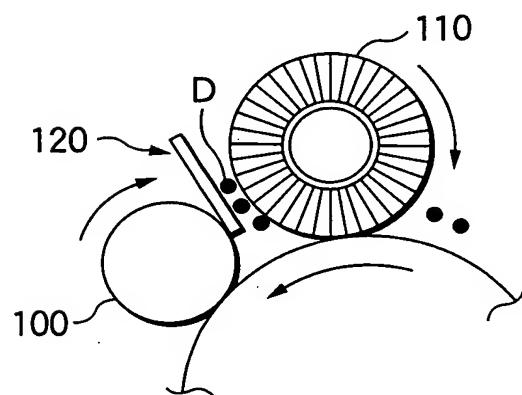


FIG.29(c)

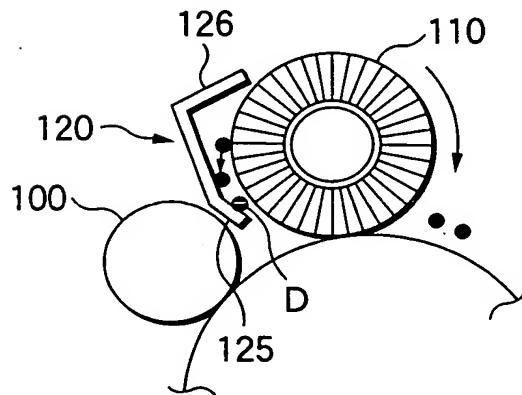
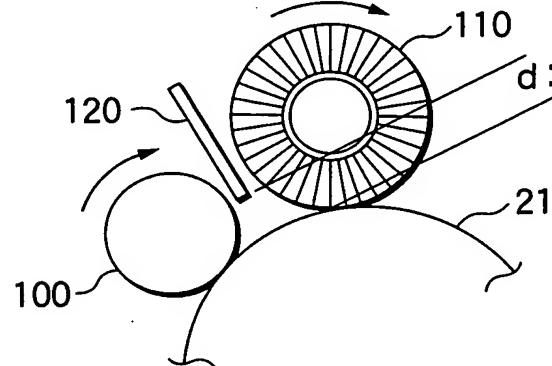


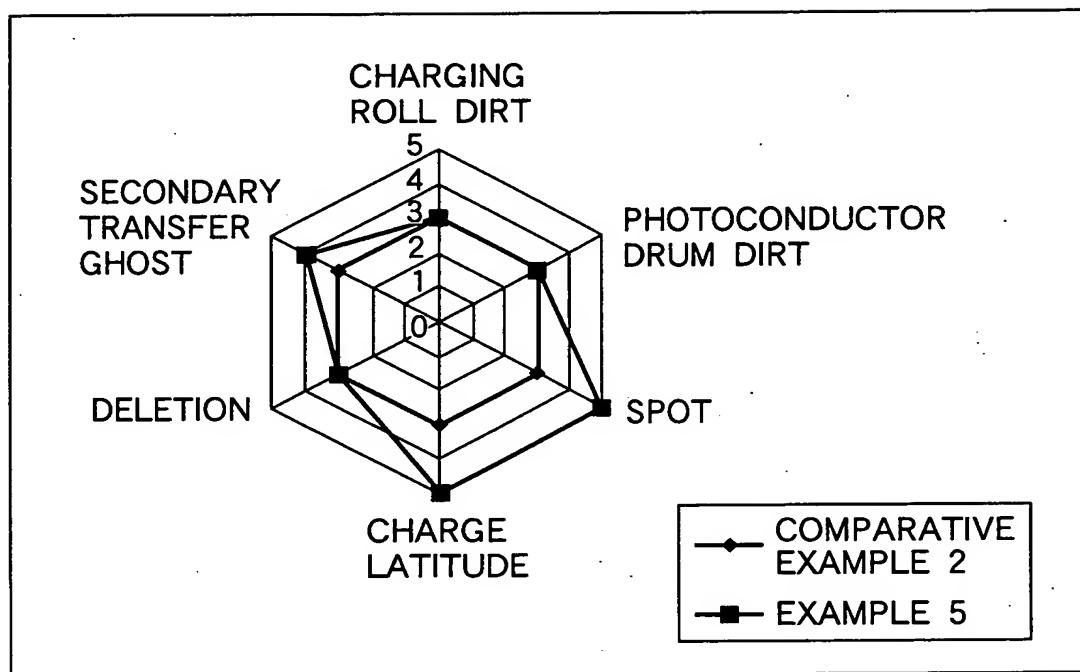
FIG.30



d (mm)	OCCURRENCE OF SPOT
0 (CONTACT)	○
0.5	○
1.0	○
2.0	○
3.0	○
4.0	✗

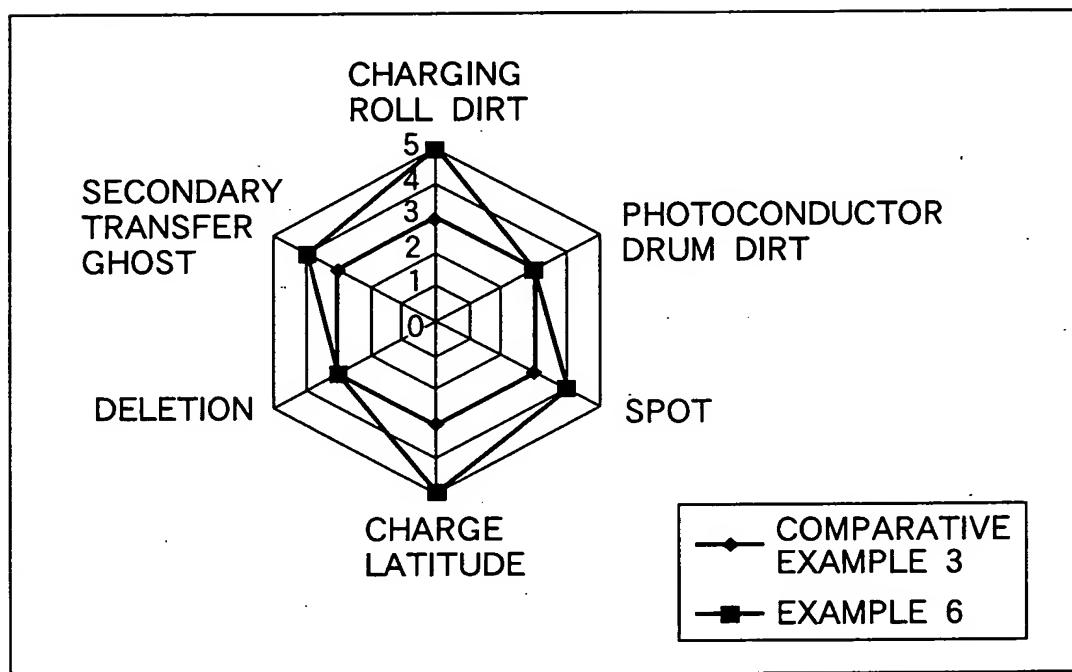
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FIG.31



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FIG.32



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FIG.33

